SORMAT 🔁

Through bolt S-KAH+ 10/50/30 A4

SORMAT CODE 9640005327



Improved premium-quality A4 through bolts for fixing in non-cracked and cracked concrete

- Torque-controlled expansion anchors for pre-, push-through and distance installations.
- When torque is applied the expansion clip expands developing frictional grip with the drill hole walls.
- Anchor diameter and max. fixture thicknesses marked on the body. Anchor length letter code marked on the bolt head.
- M8, M10 and M12 have two different anchorage depths.
- The use of S-KA setting tool makes serial installation safer and quicker.
- Seismic performance category C1/C2 (h_{ef,std}).
- A4 for indoor, outdoor and industrial use.

PRODUCT OVERVIEW

Other codes Material Packages Weight GTIN-13

SNRO 1324131 / LVI 3253731 Stainless steel, A4 box (bag): 25 / outer carton: 125 / pallet: 7000 69.4 kg / 1000 6416031053276

APPLICATIONS

- Steel structures
- Column base plates
- Seatings
- Barriers
- Cable racks
- Handrails
- Ladders
- Façade systems

APPROVALS / CERTIFICATES



ETA-16/0934 + DoPs



BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

Natural stone

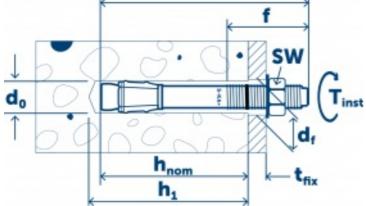


Seismic resistance (ETA-16/0934)

Technical data

INSTALLATION DETAILS

Size	M10
Length (L)	112
Thread (f)	67
Width across flats (SW)	17
Max. fixture thickness (T _{fix})	50/30
L	
K	*



INSTALLATION DETAILS

Hole in fixture (D _f)	12
Drill hole diameter (d ₀) ø	10
Minimum drill hole depth	55/75
Drill hole depth (h ₁)	55/75
Nominal setting depth (Hnom)	48/68
Effective setting depth (H _{ef})	40/60
Installation torque (T _{inst})	45

Performance data

Base material All	Load type	Embedment depth (h _{nom})	Load direction	Load value
Non-cracked concrete C20/25	N _{Rec}	48 mm	*	5.7 kN
Non-cracked concrete C20/25	V _{Rec}	48 mm	ľ	11.7 kN
Non-cracked concrete C20/25	N _{Rec}	68 mm	»	9.0 kN
Non-cracked concrete C20/25	V _{Rec}	68 mm	ž	11.7 kN
Cracked concrete C20/25	N _{Rec}	48 mm	***	4.1 kN
Cracked concrete C20/25	V _{Rec}	48 mm	ž	11.7 kN
Cracked concrete C20/25	N _{Rec}	68 mm	** *	5.7 kN
Cracked concrete C20/25	V _{Rec}	68 mm	Ĭ	11.7 kN

Installation

